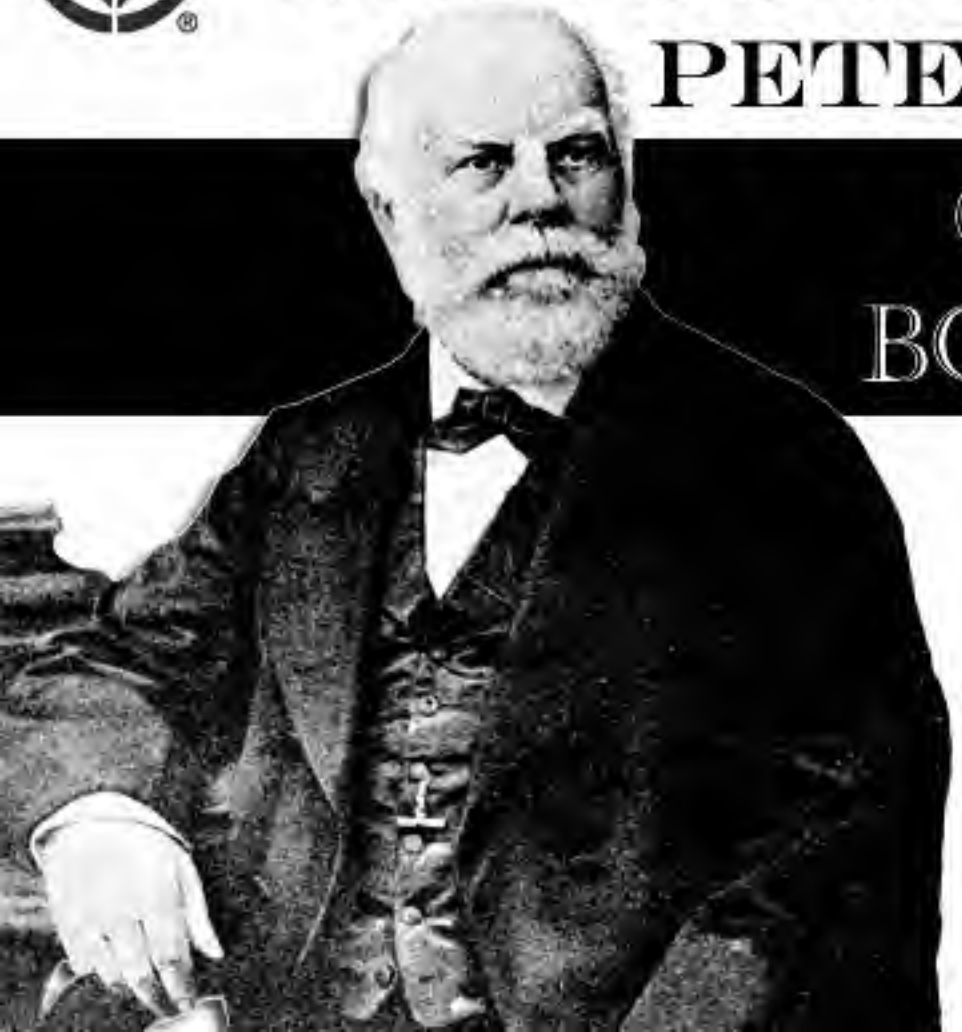
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Junci Herbarii Linnaeani

Linnean Society, London Sept 15th 1869

Specimens glued on single sheets of small size of coarse grey paper; the remarks of Linnaeus are written in a very small hand on the lower part of the sheet, under the specimen. Sometimes remarks are affixed in the bold flowing hand writing of Sir J. E. Smith.

The sign: { used by me indicates that the sheets enclosed are ~~in the handwriting~~ pinned together, it is said by Sir Smith.

~~First~~ Numbers refer to Linnaeus' numbers in the first edition of Spec. Plantarum, and are in his own handwriting.

The first numbers indicate the sheet in the herbarium:

1st package, 24 sheets

1. [acutus] is what we call now J. acutus

2. [Islandia Koening] is J. obtusiflorus

3. [Fl. Suec. 2. conglomeratus] is the form of effusus with brown capsules, and contracted panicle, same which is so common in Scotland

4. without label, and not yet in flower

5. [3.] "effusus" in Smith's writing, some other, probably Linn. writing

"3" is the number of J. effusus in Spec. Plant.

6 [3. effusus] is J. glaucus with the additional note of Smith: "J. tenax Mss B." meaning: Banks

7 [3] is again a very young glaucus not yet in flower

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

8. [5. filiformis] is our plant of that name

9. bears no label of Linnaeus', but one on a separate piece of paper [580 pl. 2 Junous] probably in Claytons handwriting and coming from him. It is a very good specimen of J. setaceus Rostk; though without the base of the scape or leaves.

10. no Linnean label, is J. tenuis; also from Clayton?

11. [9 bulbosus] 2 specimens on this sheet, the right hand specimen is J. bulbosus, as at present understood, the left hand one is J. Gerardi —

12. without label, is J. bulbosus

13. " " " "

14 " " " J. tenuis

15. [2] is J. articus; 2 in Spec Plant. is J. conglomeratus and 3 is J. effusus.

16 [6. trifidus] our plant

17. [trifidus] "

18. [7. squarrosus] "

19 [pumilorius C. B S] "

20 [· nodosus] is Sc. scirpoides macrostemon

21 [K] and in pencil: "nodosus verus J. E S" meaning: Kalm meaning Smith

3 specimens, is what we now call nodosus.

22. [K] a specimen of J. Canadensis var contortus collected by Kalm, when was at South of Pennsylvania.

23. [8] is what we call J. articulatus; 8 is the number of J articulatus in Spec. Pl. ed. 1.

24 with no label or mark of Linnaeus is J. marginatus; the leaf stuck to it is a graminous leaf.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

2d package

1. [10. bufonius] is our J. bufonius

2. no label, apparently germinating plants of bufonius

3 " " " " " "

4 [9. 10.] appears to be J. bulbosus

5 [J. stygius] both our plant; but J. stygius

6 [9. J. stygius] is not found in 1st edit.

7. "J. Jacquinii" not in Linnaeus but in some other handwriting; our plant.

8. [Alp. Austriae] somebody else (Smith?) writes
" J. biglumis ?"
" Quadri "
" Jacquinii "

See original pencil notes

9. "Jacquin."
all three are our plant Jacquinii.

10. [11 biglumis] } both right
11 [11.]

12. [12 triglumis] } both triglumis
13 without any writing

The following numbers refer to Luzula

There are several Clayton specimens of species not described in Sp. plant. such as J. setaceus and J. marginatus. the labels are in ink and on separate slips of paper.

over

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9877

Observations on the Linnaean Genus Juncus with the characters of the species of Great Britain, by J. E. Bicheno in The Transactions of the Linnaean Society vol XII. (1819) p. 291 - 337.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

{ means sheets pinned together

Jemmons HB Lin

number refers to Sp. Pl. ed. 1.

1 "aculeus" is our aculeus
2. "Islandia Koenig" is obtusiflorus
3. "H. Sect. 2. conglomerates" is the common effusus, & little more conglomerate
4. "no label" not yet in ft
5 "3" effusus — same as the handwriting
6 "3 effusus" is glomerus with similar mark
7 "3" J. tenax Mss. Ad. L Banks is again glomerus very good
8. "5 filiformis" " right
9 no label "H", but a label stuck to it: J. setaceus Rosk! 5-80 pl. 2 Jmms
sent some from Clayton
10. no Linn label, seems J. tenuis
11 "9. bulbosus" "~~one plant~~" bulbosus 2 specimens left: Jacobi with bulbosus
12 no label
13 — J. tenuis
15 "2" is articulatus (2) means with Linnaeus conglom & 3 effusus
16 "6, bufonius" [right]
17 " bufonius "
18 " J. squarrosus
19 pumilus CBS.
20 nodosus" is sorporides characteristic
21 "K" [Francis/Calif] is pumil: 3 specimens nodosus verus JES with
22 "K" no name is Canadensis
23 "8" [8 means articulatus] was coarsulatus is our articulatus
24 ~~is~~ no mark Linn at other labels is marginatus

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Semi packages

1. " 10 Gaforini " — Nigel
2 } semitus ? " Abl
3 }
4 " 9. 10 — " " it Album ?
5. " J. Glycine "
6 " 9 J. Glycine " " not ÷ prob. dup
7 " J. Jaquet — " with handwriting
8 " alp. austriac " [J. Biglumis ? quadri Jaquini]
9 Jaquini
10 " " Biglumis " J. Lett. Nigel
11 " " " "
12 " " 12 Biglumis "
13 no mark in Biglumis

The others are together

These made with Acanthopanax (e.g. Macrophylla, stolonifera) have ~~the marks of~~ labels ÷ were shelf in Clayton's writing

1 case contains 3 cases 10 feet high each ÷ 2 series

Smith's woods — over 90 years
Shewing how fresh
Nature

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Hort Botanic Monac Aug 1869

Juncus compositus major by Buchenau is a Luzula

2-podium California

J. Greenii E. Meyer in Hort. Monac in J. alpinus

J. Greenii sent by Tuckerman is here with a label of

E. Meyer: | J. imbricatus La Harpe
| Am. secundus Poir ?

specimens with long sheath

Another specimen of same (?), with flat leaves labelled

J. tenuis Willd Mississippi, Martens.

784 J. polycephalus ex Am. sept. Hb Schrader, used in

Rk & Sch. Syst veget. seems very distinct and not

with American — flowers in heads — heads crowded

5–10 together — South American? have sowed

a head

"J. polycephalus" in cultivation Brachycephalus, Pennsylvania

Muhlenberg

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9879

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

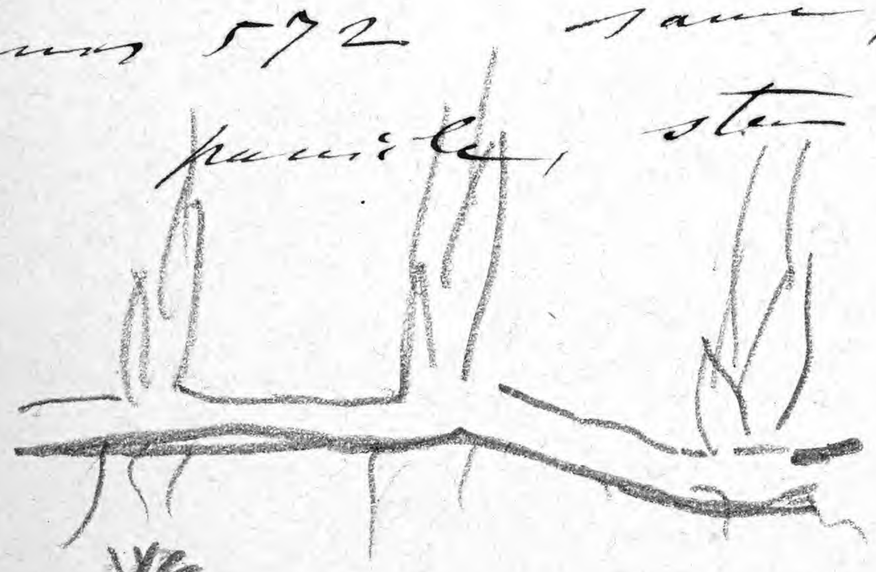
0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Lemnos Herb Martii Aug 1869

Lemnos proserus Chile Ochsenius (Buchenau)
tall stout, stiff, with stiff rigid rather thick
and short sheath, sub effuse panicle — habit
of the large New Holland plant, allied to
effusus

Lemnos 573 J. A. Lindberg, Minas Geraes
Brasilia, Oct 1854, habit of J. acutus
perhaps nec J. pallescens? 2 feet high, respitose
panicle decomposed, or rather compound 4–5"

Lemnos 572 same, same locality has a brown
panicle, stem 1½–1¾ feet, rhizome
stout creeping



1955 Orizaba, Mexico, Fred. Müller
comm. H. Schlumberger
a plant allied to J. tenuis, but perhaps
the brevifolius, in point! plant stiff,
slender, 1–3 heads, terete nodose
leaves — stem 1½–1¾ feet high,
several leafed,

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTAN
GEORGE ENGELM

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9880

79. Junio

Gongo Soco – the Province of Minas, Brazil, an Iron work, coll by Capt Ch^s Bunbury ~~1863~~ Ded. 1863.

Only the head of stout stem – decompound panicle, resinous glumaceous bracts – no doubt a rodose – leaved plant – Panicle contracted, 5 inches long

80. Junio

Gongo Soco, Bunbury, as above a rather tall rodose – leaved species, more slender heads smaller, panicle 8 inches long, contracted, decompound; heads small

URI BOTANICAL GARDEN
E ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Juncus H. Martii Aug 1869

Juncus Chamissonis Chili, Ochsenius leg.
emt. a Buchenau 1866

J. Cornutus " " " " .
similar to a small J. Canadensis 4–5 inches high.

J. Douglasianus " " "
large, stout, but very immature

J. densiflorus HDK = "J. microcephalus Schrad"
Brit Prim Max Nordfidensis.

J. densiflorus Hdk. Brasilia Pohl. is a different plant, similar to J. corporis, 3 feet high, numerous but small heads in a stiff compound panicle

J. Kraussianus. Chili, Ochsenius leg
Buchenau 1866.

Juncus radifolius erectus sequipedalis paniculae simplicis pauricapitatae

J. maritimus, Wrangeroge, Buchenau
is certainly a very modest leaved species, too young to determine

J. microcephalus HBK. [E. Meyer scrips] Rio Belmonte Brasil Nov Fidensis
is the same as J. densiflorus above and from same locality
(the same as my plant from Philadelphia Herb.)

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9881

MISSOURI BOTANICAL G
GEORGE ENGELMANN F

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

J. multiceps Rze Talcahuano [Poeppig]
Coll. N. Chil II.
is placed here with J. microcephalus
a small nodose leaved plant, 6 inches high
probably a stunted specimen; habit of
small J. sorpoides

J. microcephalus HBK Sellow 1349 Donania
tall, nodose leaved, 1½' high — habit of
some forms of J. acuminatus; female birds
lay petals — erect, compact — stem and
leaves strict, straight.

J. oliganthus, Chile, Ochsenius
ent. a Buchenau 1866
a small respitose plant, 2 inches high,
single heads (1 or few flowered?) — leaves
nodose.

Juncus ovatus Poir. N. Gl. & Ch. Vell.
fide Vellozia Mk. Dessen
is J. alpinus

"J. paradoxus Mey" "Pennsyl. Schweig 1829"
is correct, but same as J. acuminatus!

J. pelocarpus Mey fide Kunth, Plymouth
Tuckerman [Det et scips!
[sine date]

J. pictus Chile Ochsenius, (Buchenau)
is J. Lesueurii

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Observations on the Linnean Genus Juncus
with the character of the sp. of G. Brit.

J. E. Bicheno — Transact. Linn.

XII. 1819 p. 291 – 337

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9882.

GEORGE

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Juncus in Hb. Mus Palat. Vindob.

Jul. 18. 1869

287. Juncus glaucus Ehrh. Rapheidin Schimper 1835.
with the handwriting of E Meyer: "gehört zu J. effusus"
but the capsule is acute, stamens 6 and it is certainly
J. glaucus – but green, not brown!

272. J. effusus, Fischer Hook.f. Dr B. Schmidt pl. Nilagiris – 860
950. J. effusus (Steudel) Pl. Nilagiri, ed Hohenacker. 1851
are both J. glaucus, without any doubt

J. articus (legitimus) Groenland, Hornemann

J. Balticus, Aberdeen, Scotland, a small form, somewhat
of the habit of J. articus – filaments also longer
than usually in J. B.

J. compressus HBK Tolnea 377. Carl Heller –
is correctly named but none of the 6 scapes has leaves,
all only sheaths! No fruit

J. vaginatus very stout
J. pallidus the very slender one
J. puniflorus similar to last
J. Dombeyanus Gay fide Meyer. Chili Cuming; a stout
plant large leaves – many heads; habit of
a stout J. lachinatus.

J. Metanocarpus venus e Mus petrop. S. Liberia, with the note
of E. Meyer himself: J. falcatus, mihi

J. tenuis = Berlandier, 528 1527 Zamultipan is here with the note
of E. Meyer: Vermuthlich J. platycaulos HBK Ich kann aber
diese Pflanze nicht genau genug, um
sicher zu sein.

J. biglumis, Pastoze Aug 1835, Hild is a depauperate triglumis

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Hb. Mus. Vindobon Jul 1869

Juncus Chili Valdivia, Cumming with Meyer's note:
Post iteratum examen nullum discrimen inter hanc stirpem et J. planifolium A. Br. invenio
Cf Linnaea III. 370 E. M.

J. scirpoides var polycephalus from N Orleans, with the note of E Meyer: "J. densiflorus HBK. J. polycephalus La H. J. polycephalus Mich pro parte"

J. pelocarpus, New Jersey under the label: with Meyers note in his own handwriting

J. sparsiflorus mihi
New Jersey
Hb. Jacq

J. pelocarpus mihi
J. dichotomus Asa Gray non Ellott
J. campyrocarpus var Spreng Neue Entd.
Schedulam nisi fallor Mühlenbergius scripsit.
E. Meyer

Texas Drummond 1835 with Meyers note!

see these notes E Meyer seem to be from the year 1850

yes! Est J. macrostemon Gay
J. scirpoides Lamark ?
J. polycephalus Mx pro parte

48. J. acuminatus Mx Riehl — correct.
E. Meyer 1850

J. dichotomus Ell, Missouri
is a tall robust brown fruited form of J. tenuis!

38 J. polycephalus Gay (Gay in litteris) Riehl, Missouri 1858
is J. brachycarpus

suppl. 544 J. melanocephalus Boiss & Kotschy, Engerum. Aug. 1859.
alt. 7600'
not melanocph. Trivalg. — plant 8–10' high, one or 2 heads, spathe mostly exceeding head, stem with one leaf, leaves nodose.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9883

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Hb. Hort Bot Berg July 12 1869

Juncus xiphioides California: Hanks
middle sized specimen 1/2 feet high

J. Rostkovii? Meyer, Hanks'
original specimen, a tall one-
headed form, rather narrow leaved
of J. placocephalus, 18-20" high

" J. Hoppii mihi "
" Osero, Noë "
is a pale form of J. acutus

J. unous patens Meyer
Regio montana

another specimen bears the label

J. patens Meyer
J. compressus Meyer non Hosk
In regione montana Chili

both are short specimens of
J. patens, the small form

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9884

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

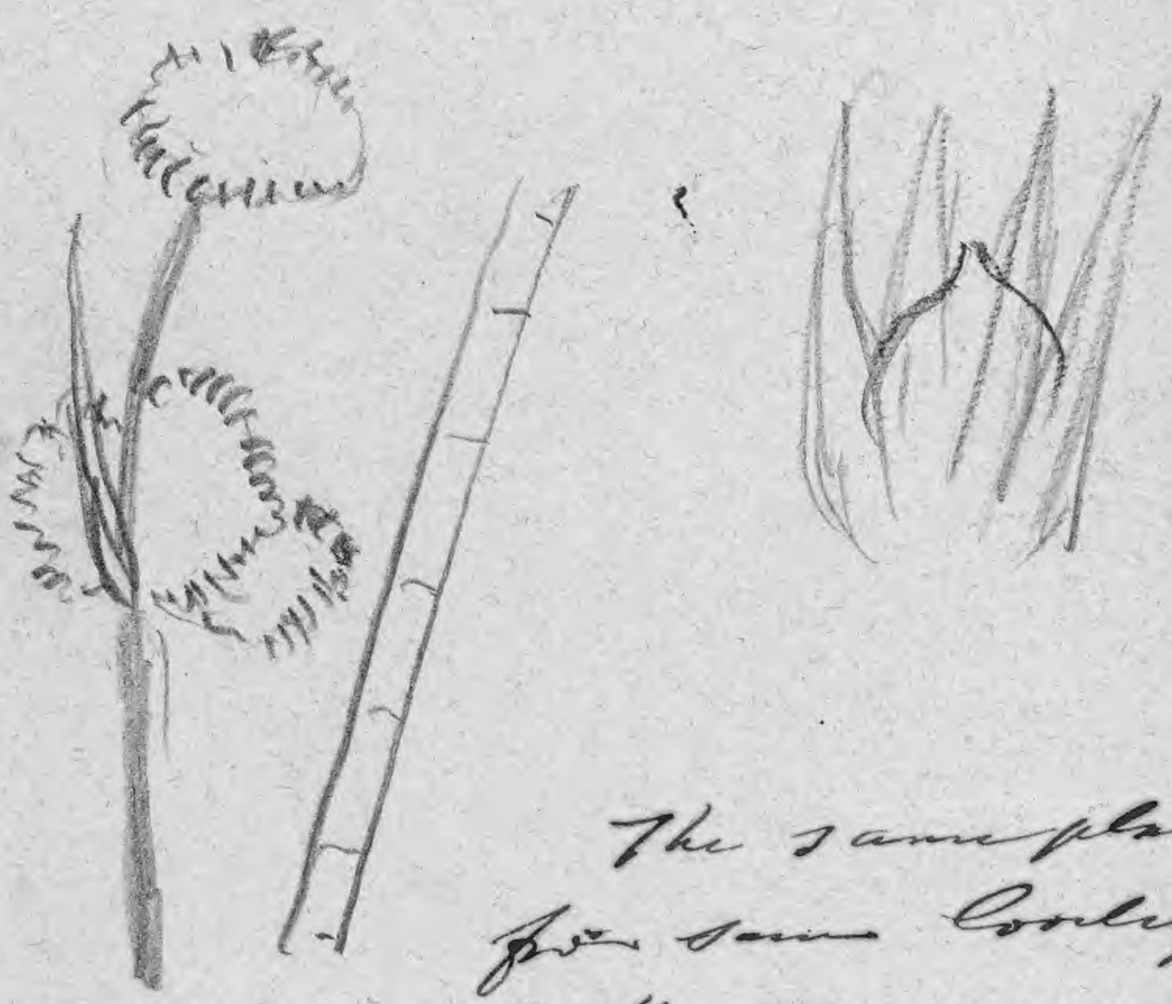
0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

HG. H. Bot Prag
Jul. 1869

Juncus Bombycinus Gay

Obrzgill, Tem, Thuldrum Hauke.

5 inches high, with one head
another specimen 13–15 inches high
stout leaves rodose, with 2 leaf heads.



The same plant grows
for some locality under
different names

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

9885

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN